

United States Department of Agriculture

*North Dakota*

FIELD DIARY *Oregon*

OF

*California*

Mr.

*Vernon Bailey 1909.*

*In Charge of Biological Investigations*

(Official title.)

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## INSTRUCTIONS.

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*James Wilson*

*Secretary of Agriculture.*

1909

July 9.

Left Washington at 1:27 PM  
B & O. for Chicago and North-  
Western states for field work.

July 10.

Reached Chicago at 9:30  
A.M. and left on Milwaukee  
at 6:30 P.M.  
Visited Field Museum and  
purchased field supplies  
not obtainable in Washington.

July 11.

Reached St. Paul, Minn.  
at 9:15 A.M. and took train  
to Elk River at 12 M. where I remained  
two days on leave.

July 12.

On leave.

July 13.

Took N. P. Train at 12  
M. at Elk River and  
reached Jamestown, N. Dak.  
before dark.  
Secured good zone notes  
along railroad, and made  
corrections to zone map.

July 14.

Waited till 12:55 PM  
for train north to Leeds  
enroute for Turtle Mts.  
Secured lists of plants  
and birds & mammals



July 15. Had to stay all night at Leeds & get a train to Bottineau, nearest point to the Turtle Mts. Left Leeds at 2:12 P.M. & reached Bottineau about 4 P.M. Tramped over prairies at both places and made lists of mammals, birds and plants.

July 16. Got a train at Bottineau and drove north through the Turtle Mts. to Lake Mitigosh, then went around the lake in boat, getting good notes on birds, mammals & plants. Visited an old resident of the mountains, Thomas Mifflin and got all he knew of the local natural history and also got some specimens.

July 17. Returned to Bottineau and thence by rail to Rugby Junction and Minot. Had several hours to wait at Minot and got good notes. Took train to Valley City at 10:45 P.M.

July 18 Reached Valley City  
at 3:20 A.M. + left  
at 7:30 on N.P. for  
Bismarck. Sunday.

July 19. Spent most of the  
day writing reports  
covering the country tramped  
over.

July 20. Tramped over the valley  
below Bismarck and  
secured some specimens  
and full notes on species.

July 21. Took 7:45 A.M. train  
for Washburn, arriving  
there before noon during  
hard rain. Worked on  
reports until after noon,  
then tramped over prairie  
setting traps and taking  
notes.

July 22. Hired a team and drove  
across Missouri River and  
up toward Stanton, the  
type locality of a Spermophile  
affinis. Set out a  
line of traps and returned.  
Secured a lot of good  
specimens and full  
lists of species for west  
side of river.

July 23. Sent Streets to the traps across the river while I followed down the river bottoms on east side and added some species of birds and plants to the lists. Made up specimens in evening.

July 24. Packed up and took train back to Bismarck and wrote the rest of day on field reports.

July 25. Sunday and no trains out on the line south to Roseau, my next point. Finished reports and official correspondence.

July 26. Visited the Gov. John Burke to get collecting permit for N. Dak. Packed my baggage and took train at 2:30 for Linton, (N.P. this pm).

~~July 27~~. Arrived at Linton about 8 PM and staid all night at hotel.

July 27. Tramped over valley all forenoon & took 12 P.M. train (Sec line) to Roseau, S. Dak. & had to stay over for train west.



July 28. Took 8 A M train for  
Moberly & arrived there at  
about 10:30. Spent rest of  
day tramping over prairie  
and river valley, listing  
Birds, mammals and plants.

July 29. Train was delayed by  
wheels so had to wait till 3 PM  
for train west. Reached  
Zemuron, S. Dak., before dark

July 30. Got saddle horse and rode  
south to valley of Grand river  
getting notes and fauna &  
flora of the prairie.  
Took 2 P.M. train for  
Marmarth and arrived  
there about 5 P.M.

July 31. Tramped all day over  
the hills and prairie and  
badlands, getting very full  
notes and some important  
specimens.

Aug 1. Took 9 A M train west  
to Miles City, arriving at  
3 P.M. Sunday.  
Made up July expense acct.

Aug. 2.  
Had to find another place  
to stay as the Elks Hotel  
engaged every room in  
town for their carnival.  
Got a good place about a mile out.

Aug. 2. } Wrote up trade reports  
" 3. } from stores along the  
" 4. } way since leaving  
Bismarck, N.D. ~~Also~~  
Also made notes on birds  
mounds & plants of the  
valley and foothills of this  
locality.

Aug. 5. Could not get a horse or  
team in town on account  
of the Elks Carnival, so  
hired a bicycle and rode  
about 10 miles S.E. into  
the badland buttes where  
there is pine timber and a  
whole set of plants and  
animals different from  
those of the valley.

Aug. 6. Packed up and took 2 P.M.  
train to Terry and arranged  
for team and camp outfit  
for trip north to Mountain  
Sheep Buttes.

Aug. 7. Wrote reports for Miles City  
+ got supplies for trip.

Aug. 8. Started at 2 P.M. on camp  
trip north from Terry to Mountain  
Sheep Buttes. Camped 10 miles  
up Cedar Creek and set traps.



Aug. 9. Followed up Cedar Creek to head and over top of Mountain Sheep Buttes & back to Trail Spring to camp

Aug. 10. Came back down Cedar creek and camped at first night's camp.

Aug. 11. Crossed over to Cherry Creek and up into pine covered buttes near the river 5 or 6 miles NW of Terry. & then back to Terry.

Aug. 12. Wrote reports & packed up but train was late so we did not start west till 4 P.M. Got as far as Custer before dark & got good notes along way. Reached Billings at 10:30 P.M. & went to Northern Hotel.

Aug. 13. Tramped over valley & got notes & specimens.

Aug. 14. Drove west 6 miles up valley & located struts for collecting. Then tramped down over river flats & got lists of Birds & plants in P.M.

Aug. 15 Left Billings 11:30 A.M. & reached Livingston about 3 P.M. Tramped over valley & got notes on plants, birds, mammals.

Aug. 16. Took 8 A.M. train for Gardiner and returned on 7:15 P.M. train. Got notes along the way and at Gardiner & colored in zone lines.

Aug. 17. Took 2:40 P.M. train for Helena, arriving about 7 P.M. Got good notes along the way & colored in zone maps.

Aug. 18. Tramped over valley and back into Mts. Got Chipmunks and good notes on plants, birds & mammals.

Aug. 19. Went up gulch into Canadian zone forest. Got specimens & notes. Collected *Citellus amatus* for the first time in Montana. Found them common high up in gulches. Got ticks from them.

Aug. 20. Left Helena 1:20 P.M. Butte, arrived there about 6. Found *Citellus amatus* abundant in Elk Park along R.R. Colored zone map & got good notes.

Aug. 21, Met Henry Apple, Game warden  
for Montana + got permits for  
collecting, and much information  
and cordial assistance.

Left Butte at 1:50 P.M. via  
Oregon Shortline for Canon, Idaho.  
Betsy taking notes along the way  
till dark at Red Rock.

Stopped at Dubois, Idaho at  
10:30 P.M.

Aug. 22. Tramped over valley all  
of forenoon, getting specimens  
+ notes. In P.M. made up  
specimens + wrote up notes.

Aug. 23. Hunted and collected specimens  
at Dubois.

Aug. 24. Left Dubois

Aug. 23. Took morning train back  
to Dillon Mont. and in P.M.  
drove over valley below town  
and got a few specimens and  
good notes.

Aug. 24 - Hunted at Dillon till noon  
then took 2 P.M. train for  
Butte.

Aug. 25. Left Butte on N.P. train  
for Missoula. They left Missoula  
at 3 P.M. for Woodside  
and reached Corvallis by  
stage before dark.

Sept. 24, Hunted over valley for  
*Citellus columbianus* but found  
none. Got bats at bridge.



Oct. 27. Hunted and over valley  
and along river. Could find no  
trace of Citellus.

Oct. 28. Hunted and trapped and  
made up specimens.

Aug. 29. Hunted & trapped.

Aug. 30. Made out expense acct. &  
wrote reports & letters & arranged  
for trip up the valley.

Aug. 31. Got team & man & camp  
outfit & went up valley 4  
miles south of Darby and  
camped & set traps.

Sept. 1. Continued up valley and  
up East Fork, or Ross Fork  
to Ross' Hole near Sula  
and camped at ranch to  
get out of rain. Hunted &  
set traps the rest of day.

Sept. 2. Returned down valley  
to Darby & camped near  
a ranch. Rained part of day.

Sept. 3. Returned to Corvallis.  
Rained all day.  
Made up specimens.

Sept. 4. Took early train for  
Missoula & Paria to  
consult with forestry people  
about change of range boundaries  
quarters in Bitter Range.

Sept. 5. Drove down on west  
side of buffalo pasture.

Sept. 4. Drove around buffalo pastures and examined the places selected for Wardens house.

Sept. 7. Returned to Missoula and consulted with Grubbs & engineers in Forest Office. Then took train to Corvallis to finish my work in Bitterroot valley.

Sept. 8. Had letters and reports to write. & set out some traps.

Sept. 9. Drove up Willow Creek into mts. east of valley and climbed to 7500 feet to get zone lines on the side of valley.

Sept. 10. Made up the specimens collected yesterday & wrote up notes.

Sept. 11. Packed up specimens to ship. Rained most of day.

Sept. 12. Packed baggage & got ready to leave in morning. Has rained & snowed on mts. for 2 days so the trip I had planned into Bitterroot Range had to be abandoned.

Sept. 13. Left on early morning train & stopped in Missoula a few hours, then on to Rosalia and waited for stage to Poon in morning.



Sept. 14. Left Puvalli at 4 AM  
on stage for Paloon, then took  
boat on Flathead Lake for  
Somers and train to Belt.

Sept. 15. Colored zone map for  
the country covered, then  
took return train to  
Kalispell and wrote our reports  
till bed time.

Sept. 16. Took 7 AM train to  
Somers, then boat to Paloon  
then stage to Puvalli, arriving  
at 6 P.M. Set traps before  
dark & wrote reports till bedtime.

Sept. 17. Caught a few specimens  
& wrote reports all day.  
Set more traps.

Sept. 18. Made up specimens and  
wrote reports & mailed packages  
& packed baggage and took  
12:35 train west from  
Puvalli. Reached Lake  
Lake at dusk.

Sept. 19. Reached North Yakima  
at 8 AM.  
Drove to Kowichie and up Kowichie River.

Sept. 20. Set traps along Natchez River  
and made lists of plants and birds  
and mammals.

Sept. 21. Took up traps early in morning  
getting enough *Microtus* to settle status  
of species. Caught 10 AM excursion  
train for Seattle, and got notes and  
zones all across mts. Seattle 6 PM.



Sept. 22; Rode all night and reached  
Kalama, Wash. at daylight and  
Portland, Oregon at 9 A.M.

Got mail & wrote reports  
Sept. 23, finished reports and got  
supplies for next trip.

Sept. 24, Crossed over to Vancouver,  
Wash., and set traps and hunted  
rest of day.

Sept. 25, Caught *Chilotus* and other  
mice and drove out to orchards  
to get more notes on characters  
of country.

Sept. 26, Streeter arrived and I  
set out lines of traps with  
him for *Microtus townsendi*,  
at its type locality.

Sept. 27, Went to Portland, Oregon and  
saw A.W. Anthony and Dr. Fisher  
and arranged to get collecting permits  
for myself & Streeter.

Sept. 28, Took train to Albany  
with Mr. Finley, who is to get  
our permits on his trip to Eugene.  
Set traps & stayed over night.

Sept. 29, Took 12:40 train for Yaguma &  
arrived at dark.

Sept. 30, Took morning boat over to Newport and hunted and made lists of plants & birds & mammals along coast. &c.

Oct. 1, Took 6 AM boat back to Yaguina & train to Albany. Set out more traps.

Oct. 2. Went to traps before breakfast and took 7:30 train for Detroit. Arrived there at noon & hunted in afternoon & set traps.

Oct. 3. Found I could not get up Mt. Jefferson in less than a 3 days trip, so got saddle horse and started early for Battle Ax Peak, 1.5 miles N.E. of Detroit & 5700 feet high, to get zone lines. Rode to Elk Lake at 3700 feet, then climbed the peak on foot & back to horses in 1 hour & 40 minutes including stops for hunting & listing plants. ~~Hours~~ 65 minutes going up & 35 coming down 2000 feet.

Got back to Detroit at dark with good notes & some specimens.

Oct. 4. - Returned to Albany in P.M.

Oct. 5. Wrote reports and took 1:30 train for Oran, arriving before dark and making round of traps with students who arrived there a day ahead of me.

Oct. 6. Wrote reports and made out exp't. Expense list. & hunted around Oran. Got Neotomas in the nests.

Oct. 7. Took stage before daylight for Scottsburg on Timpqua Bay and arrived before dark. Set out line of traps.

Oct. 8. Caught a lot of mammals & shot birds - got good lists. Made up specimens and took boat for Sumner at dark. Arrived at Sumner at 10 P.M.

Oct. 9. Continued on same boat, to mouth of Timpqua Bay, where we took stage down the coast to Coas Bay & boat across to Marshfield.



Oct. 10 - Wrote reports most of day, but had one good trap in woods back of town.

Oct. 11 - Walked across from Marshfield to Empire, about 6 miles and half the way through dense woods & brush without trail. Got a team to come back & bring our baggage over, and located for work at Empire. Set out a line of traps before dark.

Oct. 12 to 14. Collected about ~~Marsh~~ Empire with Struts, getting a good lot of birds & mammals & notes on plants. Left for Marshfield on Launch Rita 4 P.M. on Oct. 14, leaving Struts to finish work at Empire.

Oct. 15, Got at 2:30 P.M. boat, the Chuzzle, for Sumner 17 miles up Catching Slough, and arrived at 5 P.M., too near dark to get out any traps.

Oct. 16, Took the old Hartley trail due east & climbed to top of Blue Mts., The highest range near Cross Bay tho only 1800 feet high. Got good lines & some specimens & good notes.

Oct. 17, Returned on Curlew to Marshfield & wrote reports.

Oct. 18, took train to Coquille & foot to Bandon, arriving at noon & hunting along shore all of afternoon in rain.

Oct. 19, Took morning stage for Gold Beach. Rode all day in rain & reached Port Orford after dark.

Oct. 20, Rode till noon in open buckboard stage & got pretty wet & cold. Stopped at Cerber for dinner and decided to stay over till morning. Continued raining all day & night.

Oct. 21, Staged to Wedderburn & crossed Rogue River to Gold Beach.

Oct. 22, Found a gasoline launch going up Rogue River & went with it up 17 miles to Frank Towrie's place opposite Shookemhouse Butte. It a convenient point for getting into the Rogue River Mts. arrived at 2 PM & had time to climb about 2000 feet and set out a line of traps.

Oct. 23, started early & climbed the ridge north of the river, over first & second Prairie Mountains, Soldier Camp Peak and Sourgrass Summit to an elevation of 3500 feet. Got zone lines, lists of plants & birds & mammals & specimens. Got back after dark. A hard day.

Oct. 24 - Took gun & a few traps & started down the trail along north side of Rogue River afoot to Wedderburn, about 20 miles. got in at dark & got good notes & specimens along way.

Stayed at Wedderburn for work on north side of river.



Oct. 25 - Trapped + hunted most day  
With 2 traps caught 8  
gophers + got a lot of  
Microtus + shot some birds.  
Made up skins in evening

Oct. 26 - Took up traps, finished  
specimens + closed to Gold  
Blach. Set traps + make up  
specimens.

Oct. 27 - Wrote reports, packed  
+ shipped specimens, packed up  
ready for stage trip in morning.

Oct. 28 - Took stage at daylight  
for Crescent City, and got as  
far as Harbor at dark.  
Rained all day in open  
backland we had little protection.  
Rivers rising and this is  
probably the last trip of the stage  
this fall.

Oct. 29, Rained all night + continued  
by spells all day but we  
had a covered stage to  
Crescent City + kept fairly  
dry.

Oct. 30 + 31, Rained most of time so  
I wrote reports up to date.  
Took one long tramp up coast.

Nov. 1-3 Trapped for *Microtus*  
and caught lots of *M.*  
*angusticeps*, but no *townsendi*,  
the kind I wanted. Caught  
one *Scapanus* + some *Sorex*.

Nov. 4. Drove from Crescent  
City to Garret and rode  
Garret's 18 miles N.E.  
to Middle fork Smith River,  
in a little sheltered valley  
cut off from coast winds  
by overlapping ridges.  
Its full of interesting plants  
as *Pinus geyreana* + *attenuata*.  
+ oaks.

Returned to Crescent City  
+ took steamer *Oil No. 1*  
for San Francisco at 11 P.M.  
in rain + wind.  
Steamer loaded with abroad  
lumber + butter.

Nov. 5, A clear day on the  
ocean in sight of land.  
from Humboldt Bay to Mendocino  
City, then dark.

Nov. 6. Came into the Golden Gate  
at 9 A.M. on a beautiful clear  
morning + went to Colonial  
Hotel.

Nov. 7 - Sunday, Spent a  
good part of day, getting my  
baggage checked & ticket  
validated & took 6 PM  
train for home, via  
U.P. O & R.G. Rock Island,  
& B & O.

Reached Washington Nov. 14,









